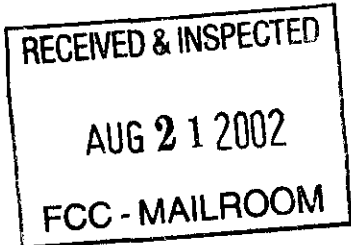


LAW OFFICE OF GENE BECHTEL, P.C.
SUITE 600
1050 SEVENTEENTH STREET, N.W.
WASHINGTON, D.C. 20036



TELEPHONE: (202) 496-1289
FACSIMILE: (301) 762-0156

CELL PHONE: (301) 602-3423
EMAIL: GENEBCHTEL@AOL.COM

August 19, 2002

Via Federal Express

The Hon. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Room TW204B
Washington, D.C. 20554

Dear Ms. Dortch:

On August 15, 2002, pursuant to the Commission's Report and Order released July 1, 2002 in MB Docket No. 02-65, we filed in triplicate a minor change amendment of the application of Community Television, Inc. to specify facilities for its proposed new television station on DTV channel 38* at Georgetown, South Carolina (a reserved channel for which no filing fee is required). The anti-drug certification was included in the amendment.

As indicated in my transmittal letter, the amendment was complete and had been approved by Dr. Thompson, President of Community Television, Inc., who signed the amendment on August 13, 2002 and forwarded same by Airborne Express from Tulsa, Oklahoma, on that date. Unfortunately, his original signature was not received and according the amendment was filed bearing a conformed signature.

Enclosed in triplicate is another copy of the amendment filed August 15, 2002, bearing the original signature of Dr. Thompson. Also enclosed is his declaration regarding the circumstances of his signature and efforts to transmit same to Washington for filing on August 15, 2002.

It is submitted that the public interest will be served -- and no material detriment to the Commission's processes will take place -- by acceptance and consideration of the amendment, although not perfectly filed by August 15, 2002, thus permitting the continued processing of the DTV application as a step forward in the inauguration of a new digital television service.


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LAW OFFICE OF GENE BECHTEL, P.C.

The Hon. Marlene H. Dortch
Secretary, FCC
August 19, 2002
Page two

With appreciation for your consideration, I am

Sincerely,


Gene A. Bechtel

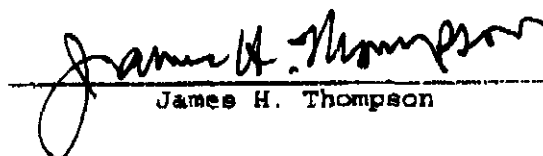
Aug 16 02 04:02p

p.2

DECLARATION

I, James H. Thompson, declare under penalty of perjury that on Tuesday, August 13, 2002, I approved the filing by Community Television, Inc. of a minor amendment of its pending application for a new television station at Georgetown, South Carolina, to substitute a digital channel for the analog channel that conflicts with the digital table of allotments. On that date I signed and dated the amendment and forwarded same via Airborne Express to the law office of communications counsel for filing with the Commission by August 15, 2002. I was then in Tulsa, Oklahoma, with my family on the occasion of enrollment of a son and a grandson at Oral Roberts University. I was informed that Airborne Express was a reliable means to effect one-day delivery time or no more than two-day delivery time to Washington, D.C. I regret any inconvenience caused by the delay.

I also wish to assure the Commission that the prospective digital television facility in Georgetown, South Carolina, like digital facilities for other stations in Greenville, South Carolina, Sumter, South Carolina, and Atlanta, Georgia, with which I am associated as identified in Exhibit 1 of the amendment, is a matter of keen interest. Anything that can be done to complete the processing of the amended Georgetown DTV application would be appreciated.



James H. Thompson

August 16, 2002

FOR
FCC
USE
ONLY

FCC 340

**APPLICATION FOR CONSTRUCTION PERMIT
FOR RESERVED CHANNEL NONCOMMERCIAL
EDUCATIONAL BROADCAST STATION**

FOR COMMISSION USE ONLY

FILE NO.

RECEIVED & INSPECTED

~~AUG 21 2002~~

~~FCC - MAIL ROOM~~

Section I - General Information

- | | | | |
|---|--|--|------------------------------|
| 1. Legal Name of the Licensee/Permittee
Community Television, Inc. | | <div style="border: 1px solid black; padding: 5px; transform: rotate(-5deg); display: inline-block;"> AUG 2 1988
 FCC - MAIL ROOM </div> | |
| Mailing Address
P.O. Box 1616 | | | |
| City
Greenville | | State or Country (if foreign address)
SC | ZIP Code
29602 |
| Telephone Number (include area code)
864-244-1616 | | E-Mail Address (if available) | |
| [REDACTED] | | Call Sign
New | Facility Identifier
82494 |
-
- | | | |
|---|--|-----------------------------------|
| 2. Contact Representative (if other than licensee/permittee)
James H. Thompson | | Firm or Company Name
President |
| Telephone Number (include area code)
864-244-1616 | | E-Mail Address (if available) |

3. Is this application being filed in response to a window? ☒ Yes ☐ No

If Yes, specify closing date and/or window number: 8-15-02 (DA 02-1478)

4. Application Purpose.

- ☐ New station
☐ Major Change in licensed facility
☐ Minor Change in licensed facility
- ☐ Major Modification of construction permit
☐ Minor Modification of construction permit
☐ Major Amendment to pending application
☒ Minor Amendment to pending application
- a. File number of original construction permit: _____ ☒ N/A

- b. Service Type: ☐ FM ☐ TV ☒ DTV

c. Community of License:	City Georgetown	State SC
--------------------------	-----------------	----------

- d. Facility Type: ☒ Main ☐ Auxiliary

If an amendment, submit as an Exhibit a listing by Section and Question Number of the portions of the pending application that are being revised.

Exhibit No.

7. **Other Authorizations.** List call signs, locations, and facility identifiers of all other broadcast stations in which applicant or any party to the application has an attributable interest pursuant to the notes to 47 C.F.R. Section 73.3555.

Exhibit No.

☐ N/A

8. **Character Issues.** Applicant certifies that neither applicant nor any party to the application has or has had any interest in, or connection with:

☐ Yes ☐ No

See Explanation
in Exhibit No.

- a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or
- b. any pending broadcast application in which character issues have been raised.

9. **Adverse Findings.** Applicant certifies that, with respect to the applicant, any party to the application, and any non-party equity owner in the applicant, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.

☐ Yes ☐ No

See Explanation
in Exhibit No.

If the answer is "No," attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and a description of the disposition of the matter. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 C.F.R. Section 1.65, the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

10. **Alien Ownership and Control.** Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.

☐ Yes ☐ No

See Explanation
in Exhibit No.

11. **Program Service Certification.** Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.

☐ Yes ☐ No

12. **Local Public Notice.** Applicant certifies compliance with the public notice requirements of 47 C.F.R. Section 73.3580.

☐ Yes ☐ No

13. **Anti-Drug Abuse Act Certification.** Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

☒ Yes ☐ No

14. **Equal Employment Opportunity (EEO).** If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report on FCC Form 396-A.

☐ Yes ☐ No ☐ N/A

QUESTIONS 15, 16 AND 17 APPLY ONLY TO APPLICATIONS FOR NEW STATIONS. OTHER APPLICANTS CAN PROCEED TO QUESTION 18.

15. **Financial.** The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.

☐ Yes ☐ No

See Explanation
in Exhibit No.

If "No" to 15., answer questions 16. and 17.

This box is for FCC use only:

Technical Points:

- ☐ 0 points.
- ☐ 1 point. Applicant's proposal covers the largest area and population, and both area and population are 10% greater than next best proposal; or
- ☐ 2 points. Applicant's proposal covers the largest area and population, and both area and population are 25% greater than next best proposal.

POINTS CLAIMED BY APPLICANT (from Questions 1-3)

TECHNICAL POINTS? (from Question 4)

TOTAL POINTS

Section V -- Tie Breakers -- New and Major Change Applications Only (used to choose among competing radio and television applicants receiving the same number of points in Section IV)

1. **Existing Authorizations.** By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of relevant broadcast station authorizations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV(2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial and TV translator stations other than fill-in stations or those identified in IV(2)(b) above.

(number of commercial and noncommercial licenses and construction permits)

2. **Pending Applications.** By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of pending applications for new or major changes to relevant broadcast stations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV(2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial, and TV translator stations other than fill-in stations or those identified in IV(2)(b) above.

(number of pending commercial and noncommercial applications)

Section VI -- Certification

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing James H. Thompson	Typed or Printed Title of Person Signing President
Signature <i>James H. Thompson</i>	Date 8-13-2002

EXHIBIT 1

Section II, Question 14 (Anti-Drug Abuse Act Certification)

Section VI - Certification

Section VII - DTV Engineering

Community Television, Inc. is the licensee of WATC-TV, Atlanta, Georgia, reserved analog channel 57, and the permittee of WATC-DT, reserved digital channel 41.

Entities having common ownership are (a) the licensee of WGGG-TV, Greenville, South Carolina, unreserved analog channel 16, and the permittee of WGGG-DT, unreserved digital channel 35, extension of time to complete construction granted to November 1, 2002, STA request for initial operation pending, and (b) the licensee of WQHB-TV, Sumter, South Carolina, unreserved analog channel 63, unreserved digital channel 39, extension of time to complete construction granted to November 1, 2002, STA request for initial operation pending.

ENGINEERING REPORT

PROPOSED DTV STATION

CHANNEL 38
GEORGETOWN, SOUTH CAROLINA

AUGUST, 2002

C O N T E N T S

EXHIBIT A	Engineering Statement
EXHIBIT B	Location of Proposed Site
EXHIBIT C	Elevation of Antenna Structure
EXHIBIT D	Proposed Operating Parameters
EXHIBIT E	Antenna Pattern Data
EXHIBIT F	Terrain and Contour Data
EXHIBIT G	Predicted Service Contour
EXHIBIT H	Interference Study

FCC Form 340, Section VII

SMITH AND FISHER • BROADCASTING AND TELECOMMUNICATIONS CONSULTANTS

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of COMMUNITY TELEVISION, INC., in support of this Application for Construction Permit for a new noncommercial digital television station on Channel 38 in Georgetown, South Carolina. The applicant, who had previously filed for NTSC Channel 41 in this community, filed a Petition for Rulemaking to allot DTV Channel 38 in lieu of NTSC Channel 41 (MM Docket No. 02-65, RM-10370). That rulemaking has been adopted and the FCC has directed the applicant to file the instant proposal.

Exhibit B is a map upon which the proposed site is plotted. A sketch of the proposed antenna and its existing supporting structure is provided in Exhibit C. Operating parameters for the proposal are tabulated in Exhibit D. Antenna azimuth and elevation pattern data appear in Exhibit E.

Terrain and contour data are tabulated in Exhibit F. Exhibit G is a map showing the predicted 41 dbμ service contour. An interference study is included as Exhibit E. Although no interference to any other user of the specified tower is expected from the operation proposed herein, if such should occur, the applicant will take whatever actions are necessary to correct the problem.

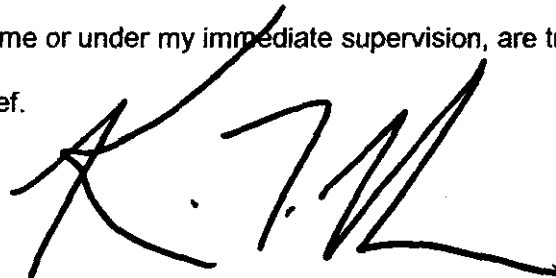
Since no change in the overall height or location of the existing tower is proposed herein, the FAA has not been advised of this application. The FCC has issued Antenna Structure Registration Number 1054624 to this tower.

EXHIBIT A

We have studied the RF transmissions of this facility with regard to their environmental effect. Employing the methods set forth in *OET Bulletin No. 65* and assuming a vertical relative field value of 20 percent at the steeper elevation angles for the proposed PSI antenna, we calculate maximum power density two meters above ground from the proposed facility to be 0.034 mw/cm^2 near the tower base. This value is but 8.3 percent of the 0.41 mw/cm^2 reference at this frequency (614-620 MHz) for uncontrolled environments (*i.e.*, areas with access to the public).

Further, the station owner will take whatever preventive steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive RF energy. On this basis, a grant of this application would clearly be a minor environmental action with respect to public and occupational exposure to nonionizing electromagnetic radiation.

I declare under penalty of perjury that the foregoing statements and the attached Engineering Report, which was prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to read 'K. T. Fisher', with a large, sweeping flourish at the end.

KEVIN T. FISHER

August 9, 2002

GEORGETOWN NORTH QUADRANGLE
SOUTH CAROLINA - GEORGETOWN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

33°27'30"

27'30"

79°15'00"

3703

3702

3700

3699

3698

25'

3698

PROPOSED SITE



79°17'30"

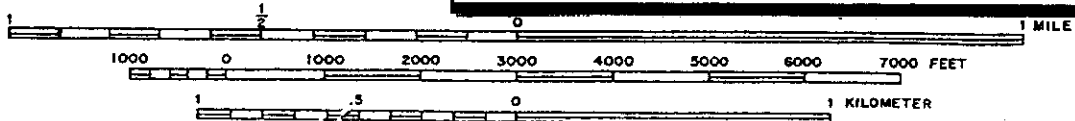
33°25'00"

EXHIBIT B

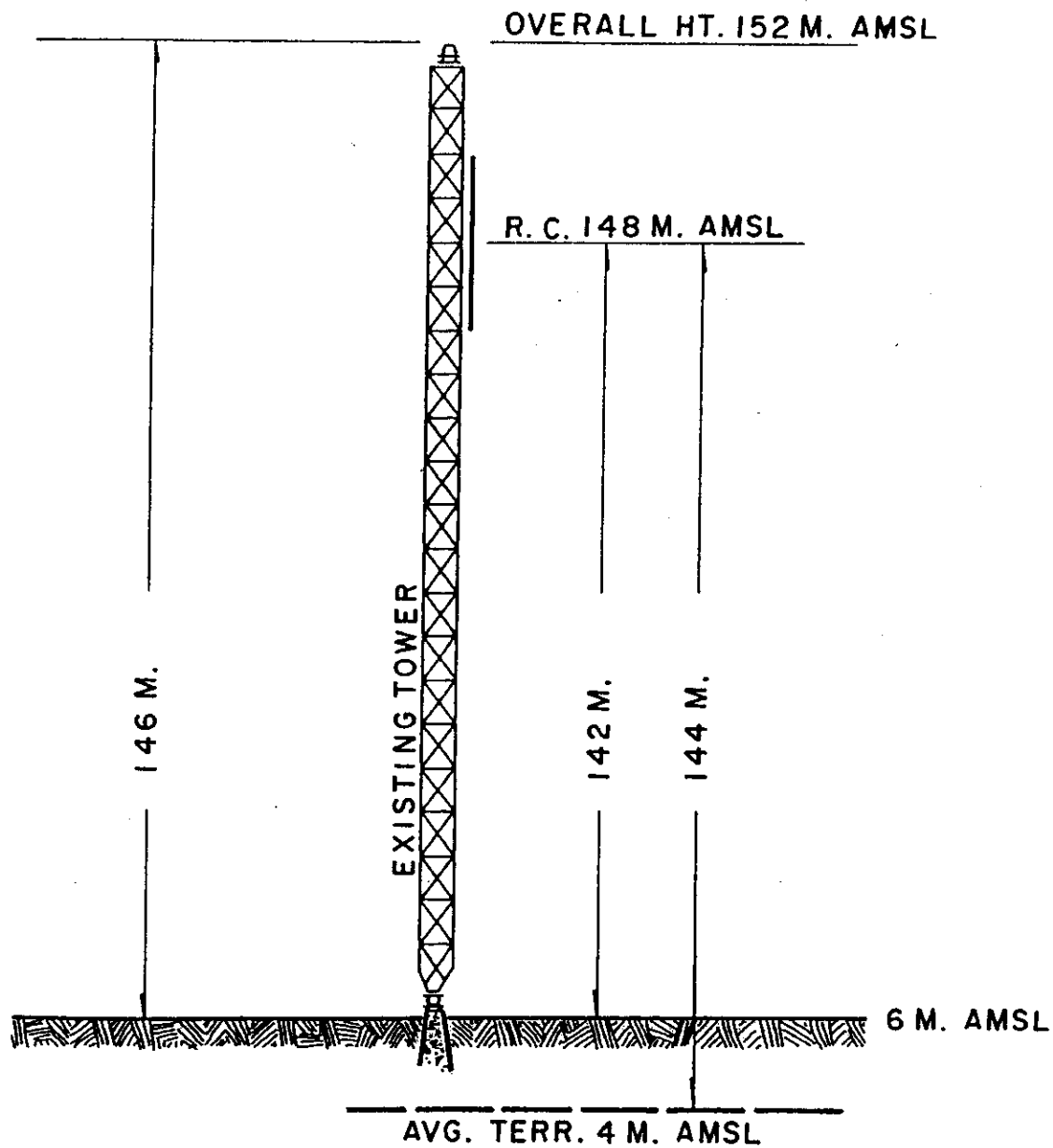
LOCATION OF PROPOSED SITE

**PROPOSED DTV STATION
CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA**

SMITH AND FISHER



NOT TO SCALE



SITE COORDINATES:

33° 25' 58"

79° 16' 16"

EXHIBIT C

ELEVATION OF ANTENNA STRUCTURE

PROPOSED DTV STATION
CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

SMITH AND FISHER

EXHIBIT D

PROPOSED OPERATING PARAMETERS

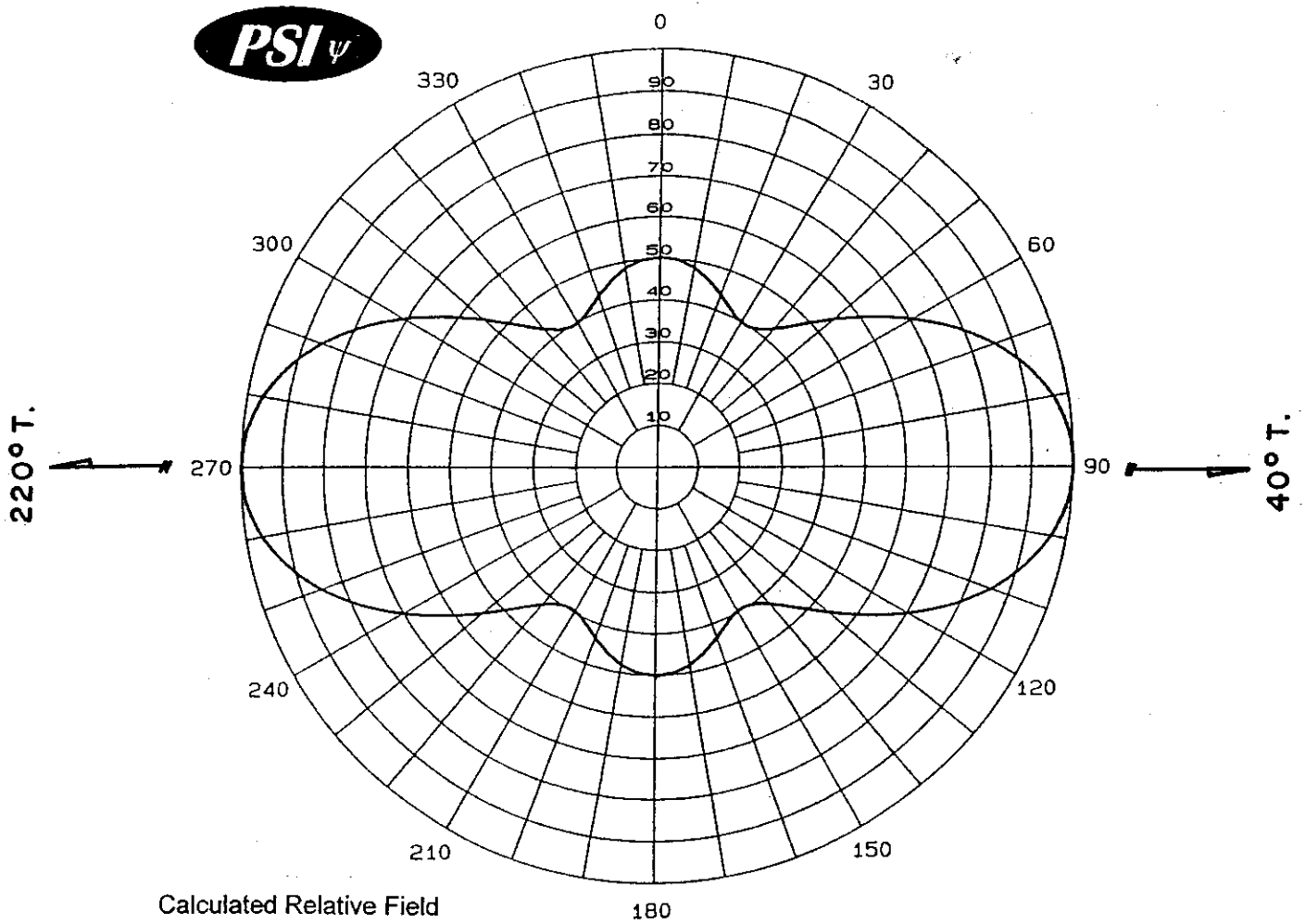
PROPOSED DTV STATION
CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

Channel Number:	38
Zone:	2
Site Coordinates:	33-25-58N 79-16-16W
Antenna Structure Registration Number:	1054624
Tower Site Elevation (AMSL):	6 meters
Overall Tower Height Above Ground:	146meters
Overall Tower Height Above (AMSL):	152 meters
Effective Antenna Height Above Ground:	142 meters
Effective Antenna Height (AMSL):	148 meters
Average Terrain Elevation (2-10 miles):	4 meters
Antenna Height Above Average Terrain:	144 meters
Antenna Make and Model:	PSI PSILP16PN
Orientation:	40° T/220° T
Electrical Beam Tilt:	1.0°
Polarization:	Horizontal
Effective Radiated Power (main-lobe, maximum):	500 kw

ANTENNA RADIATION VALUES

PROPOSED DTV STATION
CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

<u>Azimuth</u> <u>(° T)</u>	<u>Relative</u> <u>Field</u>	<u>ERP</u> <u>(dbk)</u>	<u>Azimuth</u> <u>(° T)</u>	<u>Relative</u> <u>Field</u>	<u>ERP</u> <u>(dbk)</u>
0	0.55	21.8	180	0.55	21.8
10	0.70	23.9	190	0.70	23.9
20	0.85	25.6	200	0.85	25.6
30	0.96	26.6	210	0.96	26.6
40	1.00	27.0	220	1.00	27.0
50	0.96	26.6	230	0.96	26.6
60	0.85	25.6	240	0.85	25.6
70	0.70	23.9	250	0.70	23.9
80	0.55	21.8	260	0.55	21.8
90	0.43	19.7	270	0.43	19.7
100	0.40	19.0	280	0.40	19.0
110	0.44	19.9	290	0.44	19.9
120	0.48	20.6	300	0.48	20.6
130	0.50	21.0	310	0.50	21.0
140	0.48	20.6	320	0.48	20.6
150	0.44	19.9	330	0.44	19.9
160	0.40	19.0	340	0.40	19.0
170	0.43	19.7	350	0.43	19.7



Calculated Relative Field
 Azimuth Plane Pattern
 Low Power UHF Slot
 Antenna Type: PSILP
 Pattern Type: PN
 Directivity: 2.343 (3.698 dB)
 Date: 7/1/97
 Rev. 0

**NOTE: ANTENNA WILL BE MOUNTED SUCH THAT 90°
 AND 270° ON GRAPH WILL BE ORIENTED AT 40°T.
 AND 220°T. RESPECTIVELY**

EXHIBIT E-2

ANTENNA AZIMUTH PATTERN

**PROPOSED DTV STATION
 CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA**

SMITH AND FISHER

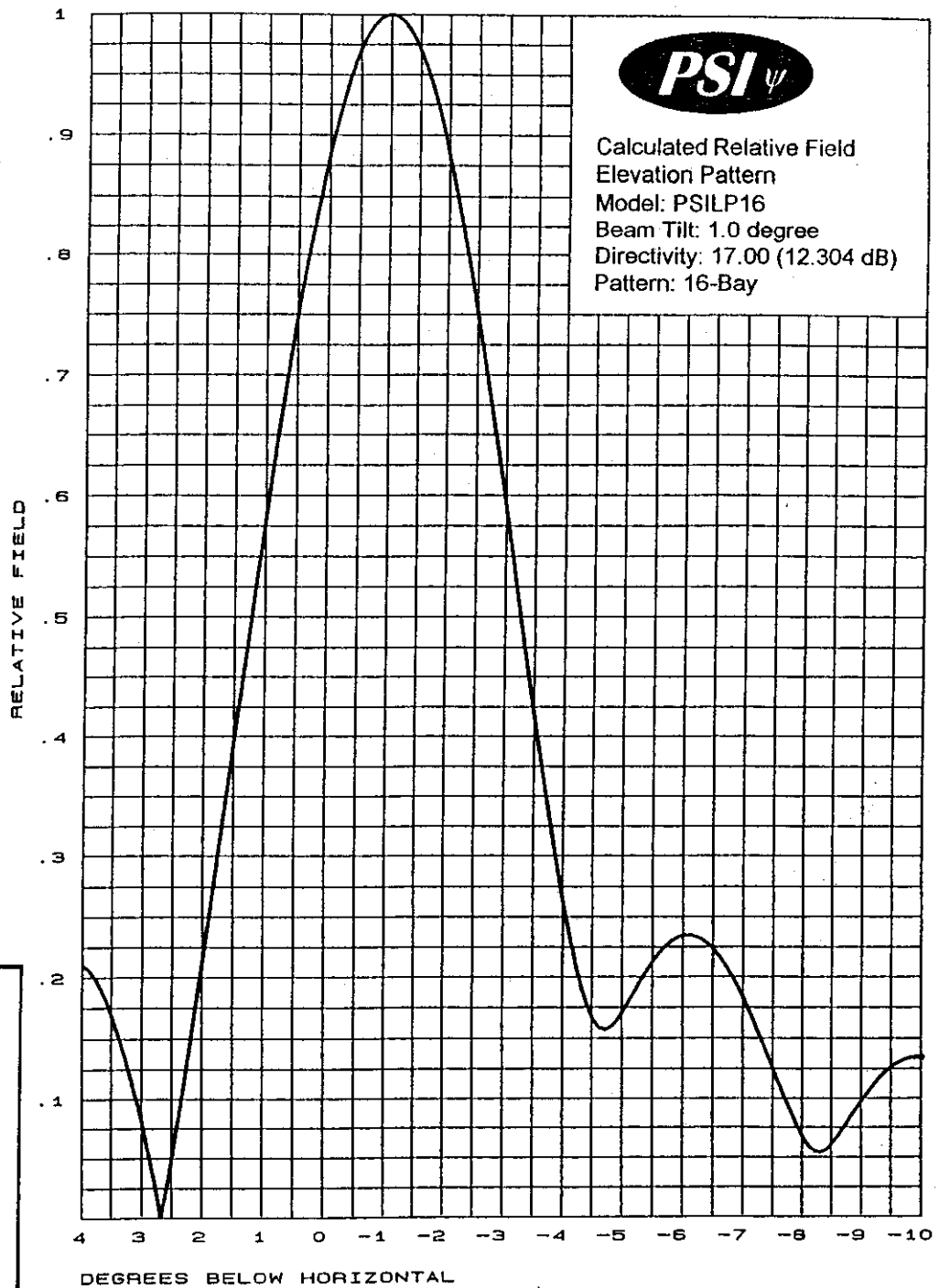


EXHIBIT E-3

ANTENNA ELEVATION PATTERN

PROPOSED DTV STATION

CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

SMITH AND FISHER

EXHIBIT F

ELEVATION AND CONTOUR DATA

PROPOSED DTV STATION
CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

<u>Az.</u> <u>(° T)</u>	<u>Avg. Elv. AMSL</u> <u>2 to 10 Miles</u> <u>meters*</u>	<u>Effective</u> <u>Ant. Ht. AAT</u> <u>meters</u>	<u>ERP</u> <u>(dbk)</u>	<u>Distance to Predicted</u> <u>Digital Contour (41 dbu)</u> <u>km.</u>
0	5	143	21.8	67.9
45	4	144	26.8	73.9
90	3	145	19.7	65.8
135	2	146	20.8	67.1
180	1	147	21.8	68.2
225	5	143	26.8	73.8
270	6	142	19.7	65.5
315	6	142	20.8	66.8
200**	5	143	25.6	72.2

Height of radiation center above mean sea level 148 meters

Height of average terrain above mean sea level 4 meters

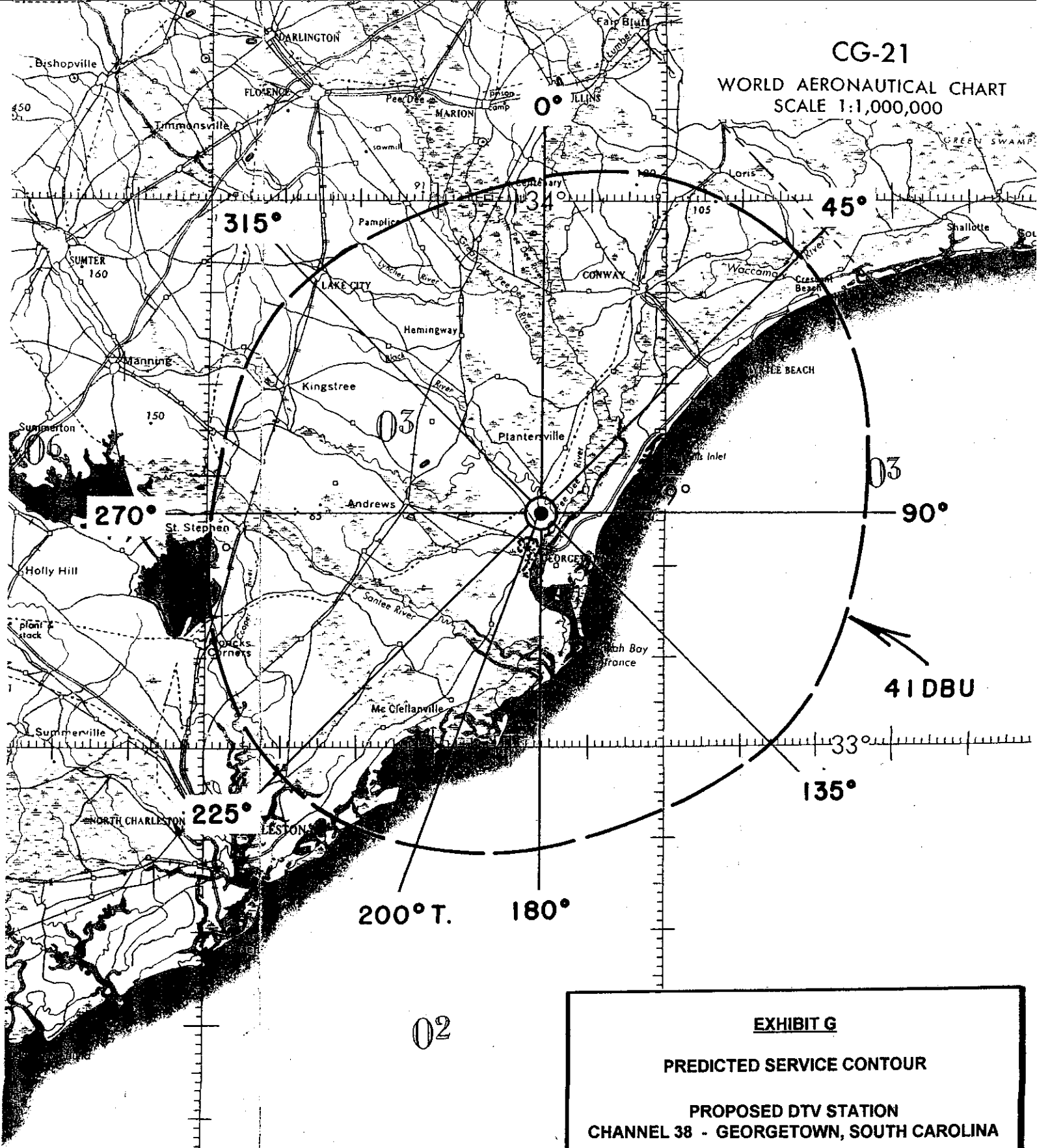
Height of radiation center above average terrain 144 meters

Effective radiated power, main lobe, maximum 27.0 dbk, 500 kw

Geographic Coordinates

N 33° 25' 58" W 79° 16' 16"

Source of terrain data: Defense Mapping Agency 3-second terrain database.**Radial through Georgetown – not included in average.*



1990 U. S. CENSUS POPULATION
WITHIN 41DBU: 171,564

EXHIBIT G

PREDICTED SERVICE CONTOUR

PROPOSED DTV STATION
CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

SMITH AND FISHER

EXHIBIT H-1

ALLOCATION AND INTERFERENCE STUDY
PROPOSED DTV STATION
CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

The instant application specifies an ERP of 500 kw (directional) at 144 meters from the allotment site, which has been determined to be allowable under the FCC's *de minimis* standards with respect to various NTSC and DTV facilities.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe" computer program, which has been found generally to mimic the FCC's program. Changes in interference caused by the new Georgetown facility, as proposed herein, to other pertinent stations are tabulated in Exhibit H-2.

As indicated, the proposed facility would not contribute more than two percent DTV interference to the service population of any affected NTSC or DTV station. In addition, this proposal does not result in any NTSC or DTV station receiving more than ten per-cent total DTV interference to viewers living within its present service area.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.

DE MINIMIS INTERFERENCE ANALYSIS
 PROPOSED DTV STATION
 CHANNEL 38 - GEORGETOWN, SOUTH CAROLINA

NTSC FACILITIES

INTERFERENCE LOSSES (POPULATION)

<u>Call Sign</u>	<u>City, State</u>	<u>Ch.</u>	<u>Grade B Population F(50,50)</u>	<u>NTSC Only</u>	<u>NTSC & DTV Without Proposed DTV</u>	<u>Unmasked DTV</u>	<u>%¹</u>	<u>NTSC & DTV With Proposed DTV</u>	<u>Unmasked DTV</u>	<u>%¹</u>	<u>Proposed DTV Contribution</u>	<u>%²</u>
WEPX	Greenville, NC	38	597,074	3,543	202,499	198,956	33.3	202,499	198,956	33.3	0	0.
WHMC	Conway, SC	23	536,691	25,871	27,307	1,436	0.3	27,603	1,732	0.3	296	0.
WNEH	Greenwood, SC	38	910,161	30,922	35,274	4,352	0.5	35,317	4,395	0.5	43	<0.

DTV FACILITIES

INTERFERENCE LOSSES (POPULATION)

<u>Call Sign</u>	<u>City, State</u>	<u>Ch.</u>	<u>NTSC/DTV³ Grade B Pop. Longley-Rice</u>	<u>NTSC Only</u>	<u>NTSC & DTV Without Proposed DTV</u>	<u>Unmasked DTV</u>	<u>%¹</u>	<u>NTSC & DTV With Proposed DTV</u>	<u>Unmasked DTV</u>	<u>%¹</u>	<u>Proposed DTV Contribution</u>	<u>%²</u>
WKFT-DT (CP)	Fayetteville, NC	38	3,121,910	278,550	282,168	3,618	0.1	286,785	4,617	0.1	999	<0.
WKFT-DT (Allot.)	Fayetteville, NC	38	2,900,634	271,762	271,881	119	<0.1	272,068	306	<0.1	187	<0.

¹ Cannot exceed 10% of Grade B Population.

² Cannot exceed 2% of Grade Population.

³ Larger of either NTSC Grade B population (with no DTV losses) or DTV Grade B population with all losses.

SECTION VII - DTV Engineering

Complete Questions 1-5 of the Certification Checklist and provide all data and information for the proposed facility, as requested in Technical Specifications, Items 1-13.

Certification Checklist: A correct answer of "Yes" to all of the questions below will ensure an expeditious grant of a construction permit. However, if the proposed facility is located within the Canadian or Mexican borders, coordination of the proposal under the appropriate treaties may be required prior to grant of the application. An answer of "No" will require additional evaluation of the applicable information in this form before a construction permit can be granted.

1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:

- (a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622. ☒ Yes ☐ No
- (b) It will operate from a transmitting antenna located within 5.0 km (3.1 miles) of the DTV reference site for this station as established in 47 C.F.R. Section 73.622. ☒ Yes ☐ No
- (c) It will operate with an effective radiated power (ERP) and antenna height above average terrain (HAAT) that do not exceed the DTV reference ERP and HAAT for this station as established in 47 C.F.R. Section 73.622. ☒ Yes ☐ No

2. The proposed facility will not have a significant environmental impact, including exposure of workers or the general public to levels of RF radiation exceeding the applicable health and safety guidelines, and therefore will not come within 47 C.F.R. Section 1.1307. ☒ Yes ☐ No

Applicant must **submit the Exhibit** called for in Item 13.

- 3. Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community. ☒ Yes ☐ No
- 4. The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied or are not applicable. ☒ Yes ☐ No
- 5. The antenna structure to be used by this facility has been registered by the Commission and will not require reregistration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely effect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7. ☒ Yes ☐ No

SECTION VII - DTV Engineering

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1. Channel Number: DTV 38 Analog TV, if any --
2. Zone: ☐ I ☒ II ☐ III
3. Antenna Location Coordinates: (NAD 27)
33° 25' 58" ☒ N ☐ S Latitude
79° 16' 16" ☐ E ☒ W Longitude
4. Antenna Structure Registration Number: 1054624
☐ Not applicable ☐ FAA Notification Filed with FAA
5. Antenna Location Site Elevation Above Mean Sea Level: 6 meters
6. Overall Tower Height Above Ground Level: 146 meters
7. Height of Radiation Center Above Ground Level: 142 meters
8. Height of Radiation Center Above Average Terrain: 144 meters
9. Maximum Effective Radiated Power (average power): 500 kW
10. Antenna Specifications:
 - a.

Manufacturer PSI	Model PSILP16PN
---------------------	--------------------
 - b. Electrical Beam Tilt: 1.0 degrees ☐ Not Applicable
 - c. Mechanical Beam Tilt: -- degrees toward azimuth -- degrees True ☒ Not Applicable

Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c).

Exhibit No.
E

 - d. Polarization: ☒ Horizontal ☐ Circular ☐ Elliptical

TECH BOX

e. Directional Antenna Relative Field Values: ☐ Not applicable (Nondirectional)

Rotation: _____° ☒ No rotation

Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.55	60	0.85	120	0.48	180	0.55	240	0.85	300	0.48
10	0.70	70	0.70	130	0.50	190	0.70	250	0.70	310	0.50
20	0.85	80	0.55	140	0.48	200	0.85	260	0.55	320	0.48
30	0.96	90	0.43	150	0.44	210	0.96	270	0.43	330	0.44
40	1.00	100	0.40	160	0.40	220	1.00	280	0.40	340	0.40
50	0.96	110	0.44	170	0.43	230	0.96	290	0.44	350	0.43
Additional Azimuths											

If a directional antenna is proposed, the requirements of 47 C.F.R. Section 73.625(c) must be satisfied. **Exhibit required.**

Exhibit No.
E

11. Does the proposed facility satisfy the interference protection provisions of 47 C.F.R. Section 73.623(a)? (Applicable only if **Certification Checklist** Items 1(a), (b), or (c) are answered "No.") ☒ Yes ☐ No

If "No," attach as an Exhibit justification therefor, including a summary of any related previously granted waivers. Does not apply

Exhibit No.
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12. If the proposed facility will not satisfy the coverage requirement of 47 C.F.R. Section 73.625, attach as an Exhibit justification therefor. (Applicable only if **Certification Checklist** Item 3 is answered "No.")

Does not apply

Exhibit No.
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13. **Environmental Protection Act.** Submit in an Exhibit the following:

- a. If **Certification Checklist** Item 2 is answered "Yes," a brief explanation of why an Environmental Assessment is not required. Also describe in the Exhibit the steps that will be taken to limit RF radiation exposure to the public and to persons authorized access to the tower site.

By checking "Yes" to **Certification Checklist** Item 2, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

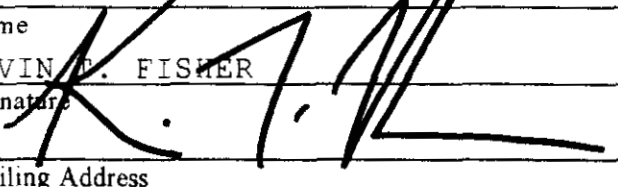
If **Certification Checklist** Item 2 is answered "No," an Environmental Assessment as required by 47 C.F.R. Section 1.1311.

Exhibit No.
A

PREPARER'S CERTIFICATION ON PAGE 8 MUST BE COMPLETED AND SIGNED.

Section VII -- Preparer's Certification

I certify that I have prepared Section VII (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name KEVIN P. FISHER	Relationship to Applicant (e.g., Consulting Engineer) Broadcasting Consultant	
Signature 	Date August 9, 2002	
Mailing Address SMITH and FISHER, Suite A, 2237 Tackett's Mill Drive		
City Lake Ridge	State or Country (if foreign address) Virginia	ZIP Code 22192
Telephone Number (include area code) (703) 494-2101	E-Mail Address (if available) kingfisherkevin@prodigy.net	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001),
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AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).